

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	356	340/5.6.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 13:12
L2	18	379/211.05.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 13:13
L3	674	713/185.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 13:14
L4	1856	713/168.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 13:17
L5	344	726/9.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 13:15
L6	175	726/20.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 13:15
L8	1284	713/182.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 13:19
L9	322	713/190.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 13:19

EAST Search History

L10	8	713/190.CCLS. and (proximity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/03 13:19
L11	1	((portable mobile wireless cellular) same (in\$1memory with (address adj2 space)))	US-PGPUB	OR	ON	2007/07/03 13:50
L12	1	((portable mobile wireless cellular) same (in\$1memory with (address adj2 space))).clm.	US-PGPUB	OR	ON	2007/07/03 13:50
L13	1	((portable mobile wireless cellular) same (in\$1memory with (address adj2 space)) and request).clm.	US-PGPUB	OR	ON	2007/07/03 13:50
L14	1	((portable mobile wireless cellular) same (in\$1memory with (address adj2 space)) and (challeng\$4 request\$4)).clm.	US-PGPUB	OR	ON	2007/07/03 13:51
L15	1	((portable mobile wireless cellular) same (in\$1memory with (address adj2 space)) and (challeng\$4 request\$4) and (encrypt\$4 encod\$4 cipher\$4)).clm.	US-PGPUB	OR	ON	2007/07/03 13:52
L16	1	((proximity range) same (in\$1memory with (address adj2 space)) and (challeng\$4 request\$4) and (encrypt\$4 encod\$4 cipher\$4)).clm.	US-PGPUB	OR	ON	2007/07/03 13:52
S1	15	((("5,012,514") or ("5,091,939") or ("5,226,080") or ("5,375,243") or ("5,544,321") or ("5,611,050") or ("5,623,637") or ("5,657,470") or ("5,757,916") or ("5,836,010") or ("5,889,866") or ("6,070,240") or ("6,088,450") or ("6,189,099") or ("6,189,105")).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/12 06:42
S2	2	10/119204	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:29
S3	1	("5623637").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/07 12:40

EAST Search History

S5	3	(encrypt\$4 adj2 (memory adj2 state))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:03
S6	21	(encrypt\$4 with (memory adj2 state))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:08
S7	128	(encrypt\$4 adj2 (application adj programs))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:09
S9	60	(encrypt\$4 adj2 (application adj programs)) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:20
S10	1	("5325430").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/10 07:11
S11	13	(encrypt\$4 adj2 (application adj programs)) and (memory with state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:18
S13	3	(encrypt\$4 adj2 (application adj programs)) and (address adj2 space) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:25
S14	6	(persistent adj2 authenticat\$4) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:28
S16	4	"IBM Linux watch"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:31

EAST Search History

S17	1	((encrypt\$4 or encod\$4) with (data near2 (stored or located))) same ((memory adj2 portion) with (address adj2 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:34
S18	60	((encrypt\$4 or encod\$4) with (data near2 (stored or located))) same (memory adj2 portion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:36
S19	2	((encrypt\$4 or encod\$4) with (data near2 (stored or located))) same (memory adj2 portion) and (address adj2 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:34
S20	43	((encrypt\$4 or encod\$4) with (data near2 (stored or located))) same (memory adj2 portion) and @ad<"20040401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:42
S21	180	(memory adj2 portion) with (address adj2 space) and @ad<"20040401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:43
S25	1	((encrypt\$4 or encod\$4) with (data with (stored or located))) same ((memory near3 portion) with (address adj2 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 07:45
S26	5	((encrypt\$4 or encod\$4) with (data)) same ((memory near3 portion) with (address adj2 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:45
S28	80	((encrypt\$4 or encod\$4) with (data)) same ((memory near3 portion)) and (address adj2 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 08:07

EAST Search History

S29	7	((encrypt\$4 or encod\$4) with (data)) same ((memory near3 portion)) same (address adj2 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 08:07
S30	51	((encrypt\$4 or encod\$4) with (data)) same ((memory near3 portion)) and (address adj2 space) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 08:22
S31	1	((encrypt\$4 or encod\$4) with (data)) same ((memory near3 portion)) same (application adj2 program) and (address adj2 space) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 08:27
S32	9	("6,681,329") or ("6,496,910") or ("6,105,137") or ("6,185,575") or ("6,789,157") or ("5,991,774") or ("6,715,142") or ("6,208,999") or ("6,658,421")).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/10 08:27
S33	4	("4787031" "5107443" "5825879" "6148403").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:47
S34	1	S33 and (address adj2 space)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:48
S35	2	S33 and (encrypt\$4 or crypto\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 08:48
S36	1	("5881287").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/10 08:59
S37	636	713/193.ccls. and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 08:59
S38	439	S37 and (encrypt\$4 with (data or (application adj2 program))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:01

EAST Search History

S39	8	S37 and (encrypt\$4 with (data or (application adj2 program))) same (address adj2 space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:02
S40	1574	((memory near3 portion) same (address adj2 space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:30
S41	19	((memory near3 portion) same (address adj2 space)) same (crypto\$7 or encrypt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:31
S42	6	((memory near3 portion) same (address adj2 space)) same (crypto\$7 or encrypt\$4) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:31
S44	4	((encrypt\$4 or encod\$4) with (data)) same (unauthorized or illegal) and ((proximity near3 detect\$4) same (token or card or smartcard))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 11:51
S47	126	(data near3 "paged out")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 06:22
S48	83	(data near3 "paged out") same memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 06:22
S49	1	(data near3 "paged out") same memory same (protect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 06:22

EAST Search History

S50	1	(data near3 "paged out") same memory same (encrypt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 06:25
S52	180	((encrypt\$4 or encod\$4) near3 (data or file)) same ((unauthorized or illegal) near2 access\$4) same (token or card or smartcard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 06:27
S53	15	((encrypt\$4 or encod\$4) near3 (data or file)) same ((unauthorized or illegal) near2 access\$4) same (token or card or smartcard) and (address adj space)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 06:28
S54	9	((encrypt\$4 or encod\$4) near3 (data or file)) same ((unauthorized or illegal) near2 access\$4) same (token or card or smartcard) and (address adj space) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 06:28
S55	40	("6463537").URPN.	USPAT	OR	ON	2006/10/12 06:31
S56	4	("6463537").URPN. and (encrypt\$4 adj2 data)	USPAT	OR	ON	2006/10/12 06:32
S57	163	((illegal or unauthorized) adj2 access) same (encrypt\$4 adj2 data)	USPAT	OR	ON	2006/10/12 06:32
S58	52	((illegal or unauthorized) adj2 access) with (encrypt\$4 adj2 data)	USPAT	OR	ON	2007/07/03 13:49
S59	15	((("5,012,514") or ("5,091,939") or ("5,226,080") or ("5,375,243") or ("5,544,321") or ("5,611,050") or ("5,623,637") or ("5,657,470") or ("5,757,916") or ("5,836,010") or ("5,889,866") or ("6,070,240") or ("6,088,450") or ("6,189,099") or ("6,189,105")).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/12 06:42
S60	3	S59 and (encrypt\$4 and decrypt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 06:56

EAST Search History

S61	20	(encrypt\$4 with ((card or token or smartcard or dongle) adj2 (removed or detached)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 06:57
S62	4	(encrypt\$4 with ((card or token or smartcard or dongle) adj2 (removed or detached))) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 07:00
S63	36	("20010011350" "5001752" "5022080" "5136643" "5136646" "5136647" "5189700" "5373561" "5422953" "5500897" "5619571" "5748738" "5781629" "5781630" "5903882" "5910988" "5923763" "5970146" "6047282" "6081899" "6209090" "6209091" "6226744" "6237096" "6253331" "6263438" "6356937" "6393126" "6393566" "6408388" "6442691" "6449255" "6490355" "6530023" "6601172" "RE34954").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 07:06
S64	1	(encrypt\$4 adj2 data) same (((in\$1memory adj2 portion) or page) with (address adj2 space))	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 07:08
S65	161	(mutual adj2 authenticat\$4) with (card or token or smartcard) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 08:29
S66	1	(mutual adj2 authenticat\$4) with (between adj2 device adj2 (card or token or smartcard)) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 08:20
S67	4	(mutual adj2 authenticat\$4) with (between adj2 device near3 (card or token or smartcard)) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 08:20

EAST Search History

S68	3	(card or token or smartcard) same ((master adj2 key) same (key\$1encrypt\$4 adj2 key)) and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 08:30
S70	405	713/189.ccls. and @ad<"20010401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 09:15
S71	3	(("5729608") or ("6425084") or ("6317500")).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/29 21:28
S72	1	("6088450").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/29 21:53



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- #1 ((proximity<in>metadata) <and> (portable <or> wireless <or> mobile <or> cellular<in>metadata))
- #2 ((proximity<in>metadata) <and> (portable <or> wireless <or> mobile <or> cellular<in>metadata)) <and> authorization
- #3 ((proximity<in>metadata) <and> (portable <or> wireless <or> mobile <or> cellular<in>metadata)) <and> authorization <and> in-memory
- #4 ((proximity<in>metadata) <and> (portable <or> wireless <or> mobile <or> cellular<in>metadata)) <and> authorization <and> (encrypt <or> cipher <or> encode)
- #5 ((proximity<in>metadata) <and> (portable <or> wireless <or> mobile <or> cellular<in>metadata)) <and> authorization <and> (encrypt <or> cipher <or> encode) <and> (challenge <or> request)

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1 [Protecting file systems with transient authentication](#)

Mark D. Corner, Brian D. Noble

January 2005 **Wireless Networks**, Volume 11 Issue 1-2

Publisher: Kluwer Academic Publishers

Full text available: [pdf\(422.63 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [inde](#)

Laptops are vulnerable to theft, greatly increasing the likelihood of exposing sensitive files. Unfi cryptographic file system does not fully address this problem. Such systems ask the user to imt decryption, but that authority can be used by anyone who physically possesses the machine. Fc his identity is intrusive, encouraging him to disable encryption.This tension between usability ar

2 [Security: Zero-interaction authentication](#)



Mark D. Corner, Brian D. Noble

September 2002 **Proceedings of the 8th annual international conference on Mobile computi**

Publisher: ACM Press

Full text available: [pdf\(273.30 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citin](#)

Laptops are vulnerable to theft, greatly increasing the likelihood of exposing sensitive files. Unfi cryptographic file system does not fully address this problem. Such systems ask the user to imt decryption, but that authority can be used by anyone who physically possesses the machine. Fc his identity is intrusive, encouraging him to disable encryption.Our solution to this problem is Z

Keywords: *cryptographic file systems, mobile computing, stackable file systems, transient aut.*

3 [Special feature: Report on a working session on security in wireless ad hoc networks](#)



Levente Buttyán, Jean-Pierre Hubaux

January 2003 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 7 Issu

Publisher: ACM Press

Full text available: [pdf\(2.50 MB\)](#)


Additional Information: [full citation](#), [references](#), [citations](#)

4 [AAA, security and privacy: Authentication, authorization and accounting \(AAA\) in hybrid ac](#)



Hassnaa Moustafa, Gilles Bourdon, Yvon Gourhant


September 2006 **Proceedings of the 4th international workshop on Wireless mobile applica**
WMASH '06

Publisher: ACM PressFull text available:  [pdf\(367.56 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)

Wireless LAN (WLAN) is rapidly growing as a popular technology for ubiquitous communication, standard commodity. The growing demand in WLAN technological development is to provide high mobile users using their portable devices. Nevertheless, WLAN is still restrictive, as it requires the communication range of access points. Moreover, the security of this network is posing a major

Keywords: 802.11i, AAA, hybrid ad hoc networks, security, wireless LAN**5** Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on****Publisher:** IBM PressFull text available:  [pdf\(4.21 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process trees can help to obtain a better understanding of the execution of the application. The visualization tool we use is the *Prolog* University of Waterloo. However, these diagrams are often very complex and do not provide the full picture of the application. In our experience, such tools display repeated occurrences of non-trivial commun ..

6 Protecting applications with transient authentication


Mark D. Corner, Brian D. Noble

May 2003 **Proceedings of the 1st international conference on Mobile systems, applica****Publisher:** ACM PressFull text available:  [pdf\(294.40 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [cite](#)


How does a machine know who is using it? Current systems authenticate their users infrequently and the authentication does not change. Such *persistent authentication* is inappropriate for mobile and ubiquitous systems, where user devices are fluid and unpredictable. We solve this problem with *Transient Authentication*, in which the system authenticates the user's presence over a short-range, wireless link. We present the fo ...

7 Illustrative risks to the public in the use of computer systems and related technology

Peter G. Neumann

January 1996 **ACM SIGSOFT Software Engineering Notes**, Volume 21 Issue 1**Publisher:** ACM PressFull text available:  [pdf\(2.54 MB\)](#)Additional Information: [full citation](#)**8** Illustrative risks to the public in the use of computer systems and related technology

Peter G. Neumann

January 1994 **ACM SIGSOFT Software Engineering Notes**, Volume 19 Issue 1**Publisher:** ACM PressFull text available:  [pdf\(2.24 MB\)](#)Additional Information: [full citation](#), [citations](#), [index terms](#)**9** Wireless network security II: ANSWER: autonomous wireless sensor network

Stephan Olariu, Mohamed Eltoweissy, Mohamed Younis

October 2005 **Proceedings of the 1st ACM international workshop on Quality of service & networks Q2SWinet '05****Publisher:** ACM PressFull text available:  [pdf\(282.83 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)

The main contribution of this work is to propose a new concept: the AutoNomous Wireless sEns to provide in-situ users with secure information that enhances their context awareness. ANSWER over and covert operations ranging from tactical battlefield surveillance to crisis management ; capable of performing sophisticated analyses for detecting trends and identifying unexpected, c

Keywords: anonymity, autonomous sensor networks, wireless security

10 Privacy: Privacy and security in library RFID: issues, practices, and architectures



David Molnar, David Wagner

October 2004 **Proceedings of the 11th ACM conference on Computer and communication**

Publisher: ACM Press

Full text available: pdf(241.45 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citi](#)

We expose privacy issues related to Radio Frequency Identification (RFID) in libraries, describe architectures for library RFID. Libraries are a fast growing application of RFID; the technology p injury, speed patron self-checkout, and make possible comprehensive inventory. Unlike supply-level tagging, thereby raising immediate patron privacy issues. Current conventional wisdom su

Keywords: RFID, privacy, private authentication, security

11 Streams, structures, spaces, scenarios, societies (5s): A formal model for digital libraries



Marcos André Gonçalves, Edward A. Fox, Layne T. Watson, Neill A. Kipp

April 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 2

Publisher: ACM Press

Full text available: pdf(316.85 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citi](#)

Digital libraries (DLs) are complex information systems and therefore demand formal foundation interoperability suffers. In this article, we propose the fundamental abstractions of Streams, Str Societies (5S), which allow us to define digital libraries rigorously and usefully. Streams are sec describe both static and dynamic (e.g., video) content. Structures can be viewed as labeled dir

Keywords: applications., definitions, foundations, taxonomy

12 Effective access to large audiovisual assets based on user preferences



S. Ioannou, G. Moschovitis, K. Ntalianis, K. Karpouzis, S. Kollias

November 2000 **Proceedings of the 2000 ACM workshops on Multimedia MULTIMEDIA '00**

Publisher: ACM Press

Full text available: pdf(1.01 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [inde](#)

Current multimedia databases contain a wealth of information in the form of audiovisual, as we search algorithms have been developed for either media, there still exists the need for abstract results of database users' queries. Moreover, multimedia retrieval systems should be capable of information related to the specific subject of the query, as well as suggest other topics which us

Keywords: multimedia databases, query expansion, text-based search, user profiling, web acc

13 Ubiquitous computing: Information exposure control through data manipulation for ubiquito



Boris Dragovic, Jon Crowcroft

September 2004 **Proceedings of the 2004 workshop on New security paradigms NSPW '04**

Publisher: ACM Press

Full text available: pdf(139.61 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

The vision of Ubiquitous Computing [22] creates the world in which information is omnipresent, environment to be accessible whenever and wherever needed. Such a vision poses substantial privacy protection. Unlike in traditional, static, execution environments, information in the Ubiquitous Computing lifetime, to constantly varying security and privacy threats caused by the inherent dynamicity a

14 A secured hierarchical trust management framework for public computing utilities

Arindam Mitra, Ranganath Udupa, Muthucumaru Maheswaran

October 2005 **Proceedings of the 2005 conference of the Centre for Advanced Studies on**

Publisher: IBM Press

Full text available:  pdf(512.50 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)

This paper presents a hierarchical (two-layered) trust management framework for very large scale public resources provide majority of the resource capacity. The dynamic nature of these utility management and security issues due to behavior turnabout, maliciousness and diverse policy approach offers interesting answers to such issues. In our framework, the lower layer computes

15 Physical privacy: Soft blocking: flexible blocker tags on the cheap



Ari Juels, John Brainard

October 2004 **Proceedings of the 2004 ACM workshop on Privacy in the electronic society**

Publisher: ACM Press

Full text available:  pdf(106.34 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citation](#)

A "blocker" tag is a privacy-enhancing radio-frequency identification (RFID) tag. It operates by reader communicates individually with other RFID tags. While inexpensive to manufacture in purpose devices, and thus introduce level of complexity that may pose an obstacle to their deployment

We propose a variant on the blocker concept that we call *soft blocking*. This involves scaling


Keywords: ALOHA, RFID tags, blocker tags, privacy, tree-walking

16 Bluetooth automatic data acquisition and synchronization software

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Bluetooth-equipped cell phones are increasingly common, affording users additional connectivity. Small enough to use in cell phones, manufacturers have added memory to store images; however, created a solution that harnesses that unused space to automatically synchronize data between cell phone. The phone carries the synchronized data between the two computers so no matter where

Results 1 - 16 of 16

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